

EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

PUBLICATION NUMBER : 59137929
PUBLICATION DATE : 08-08-84

APPLICATION DATE : 28-01-83
APPLICATION NUMBER : 58013094

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INT.CL. : G02F 1/133 C09K 3/10 G09F 9/00

TITLE : SEALING MATERIAL FOR LIQUID CRYSTAL DISPLAY PANEL

ABSTRACT : PURPOSE: To obtain a sealing material which is short in curing time and has an excellent characteristic by consisting essentially said material of epoxy polyacrylate, mixing bisphenol A diacrylate therewith, and adding a silane coupling agent and a photopolymn. initiator to the same.

CONSTITUTION: Bisphenol A having about 400mol.wt. and acrylate of bisphenol F diglycidyl ether are used as an essential component of a sealing material, and bisphenol A diacrylate is mixed therewith in order to decrease the viscosity and to provide the strength of a cured material. A silane coupling agent having an acryl group in its molecule is used as the silane coupling agent to be added to said material in order to provide adhesiveness. A benzoin ether compd. is used at about 1.5wt% by weight of the resin as a photopolymn. initiator. The sealing material is curable by UV light, has a short curing time, is suitable for printing for its low viscosity and provided substantial adhesive strength.

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